

Recovery Plan Action Status

Plan Name: Relict Trillium

Plan Status: Final

Plan Date: 31-Jan-91

Lead Agency: USFWS

Lead Office: Georgia Ecological Services Field Office

(4706)

613-9493)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Relict trillium (Trillium reliquum)	1	1	Develop interim management plans	Planned	FY 2000 - FY 2004	FY 2011	The Nature Conservancy, Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Acquisition: Easement, Research: Other Information	Internal Technical Assistance	Army management plan in place and revised at 5 year intervals. State land management plans in place, revised as needed.
Relict trillium (Trillium reliquum)	1	10	Enforce laws	Ongoing Current	Prior to FY 1995	FY 2011	U.S. Fish and Wildlife Service, Law Enforcement Division, U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Other: Information and Education, Other: Law Enforcement	Internal Field Assistance	Completion date not valid if species not de-listed.
Relict trillium (Trillium reliquum)	1	11	Assess recovery success	Ongoing Current	FY 2006	FY 2011	Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Management, Research: Competition, Research: Demographic Studies, Research: Habitat Status, Research: Other Information, Research: Population Surveys	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	Completion is estimate of completion of next 5 year review
Relict trillium (Trillium reliquum)	2	12	Characterize populations and search for new populations	Ongoing Current	Prior to FY 1995	FY 2011	Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , Georgia Natural Heritage Inventory	Research: Demographic Studies, Research: Genetics, Research: Other Information, Research: Population Surveys	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	Surveys for additional populations will continue for the foreseeable future. Reevaluate success in next 5 year review.

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Relict trillium (Trillium reliquum)	2	13	Maintain cultivated plants and store seeds	Not Started	FY 2007	FY 2011	Center for Plant Conservation, Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Research: Propagation	Labor type not yet selected	Labor type column not working properly, data not entered.
Relict trillium (Trillium reliquum)	3	14	Reestablish populations	Not Started	FY 2008	FY 2016	Center for Plant Conservation, Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Acquisition: Easement	Species Expert	Once started will be ongoing for foreseeable future.
Relict trillium (Trillium reliquum)	3	15	prepare news releases and informational brochures	Ongoing Not Current	Prior to FY 1995	FY 2016	U.S. Fish and Wildlife Service, Public Affairs, Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Other: Information and Education	Internal Technical Assistance	Incorporate into regular public information program. Should continue after species is de-listed.
Relict trillium (Trillium reliquum)	3	16	Prepare articles	Ongoing Not Current	Prior to FY 1995	FY 2016	U.S. Fish and Wildlife Service, Public Affairs, Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Other: Information and Education	Internal Technical Assistance	Incorporate into regular public information program. Continue after species is de-listed

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Relict trillium (Trillium reliquum)	1	2	Determine habitat protection priorities	Partially Complete	Prior to FY 1995	FY 2011	Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Research: Population Surveys	Internal Administrative	Need to find additional populations in Alabama and South Carolina.
Relict trillium (Trillium reliquum)	1	3	Evaluate protection alternatives	Ongoing Current	Prior to FY 1995	FY 2011	Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Acquisition: Easement	Internal Technical Assistance	
Relict trillium (Trillium reliquum)	1	4	Determine population size for all populations	Ongoing Current	FY 2007	FY 2012	Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Research: Population Surveys	Graduate Student	Current goal is to have as many plants as possible in every population; minimum number necessary undefined.
Relict trillium (Trillium reliquum)	1	5	Study species' habitat	Ongoing Current	Prior to FY 1995	FY 2011	Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Management: Habitat Maintenance and Manipulation	Contract	

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Relict trillium (Trillium reliquum)	1	6	Conduct demographic studies and determine genetic variability	Partially Complete	Prior to FY 1995	FY 2011	Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Research: Population Surveys	Graduate Student	Excellent demographic and genetic research has been done on a few populations, needs to be expanded.
Relict trillium (Trillium reliquum)	1	7	Determine effects of disturbance	Ongoing Current	Prior to FY 1995	FY 2011	Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Research: Habitat Status	Graduate Student	Should be combined with Tasks 2.2 and 2.3
Relict trillium (Trillium reliquum)	1	8	Define self sustaining protection area needed	Not Started	Prior to FY 1995	FY 2011	Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Research: Competition, Research: Demographic Studies, Research: General, Research: Habitat Requirements	Contract, Graduate Student, Internal Technical Assistance, Species Expert, Volunteer	As for all 2011 end dates, can be completed by next 5 year review if funded.
Relict trillium (Trillium reliquum)	1	9	Implement needed management	Ongoing Current	FY 1995 - FY 1999	FY 2011	The Nature Conservancy, Alabama Natural Heritage Program , South Carolina Wildlife and Marine Resources Department , U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Georgia Natural Heritage Inventory	Acquisition: General	Contract, Graduate Student, Internal Field Assistance, Species Expert, Volunteer	Federal and State lands are managed, should continue indefinitely. Most private lands not managed and unlikely to be managed in foreseeable future.